

### **REMARKS**

This is in response to the Final Office Action dated May 30, 2007.

Independent claims 1, 16, 28, 29, and 62 have been amended to recite limitations previously found in claim 9. Claims 5-6 and 10-12 have been amended to clarify language in view of the amendment of claim 1. Claim 28 has been amended to more properly recite the claimed processing operations performed by a tangible process element to obviate the 35 U.S.C. §101 rejection.

#### **35 U.S.C. 101**

Claim 28 is rejected under 35 U.S.C. 101 as being directed to non-statutory subject matter. As amended, the claims recite processing operations performed by a processing component, which thereby constitutes statutory subject matter. The claimed invention produces a useful, tangible and concrete result, including generating the concrete result of probability values relating to the detected events. As such, Applicants request reconsideration and withdrawal of the present rejection.

#### **35 U.S.C. 102(e)**

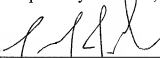
Claims 1-3, 6, 11-16, 20-21, 23-29, 62, 65 and 67-79 stand finally rejected under 35 U.S.C. 102(e) as being anticipated by Ho (US Pat. No. 6,597,777; herein after "Ho"). In order to advance the present prosecution, Applicants have amended the claims consistent with the Examiner's indication in the present Office Action that claim 9 contains patentable subject matter. All independent claims have been amended to recite the limitations previously found in claim 9. Therefore, Applicants submit the rejection is no longer applicable.

**35 U.S.C. 103(a)**

Claims 4, 7, 8, 10, 22 and 66 were rejected under 35 U.S.C. 103(a) as being unpatentable over Ho in view of Official Notice. In view of the amendment to claims 1, 16 and 61, Applicants submit this rejection is no longer applicable.

For at least the foregoing reasons, reconsideration and allowance of all claims is respectfully requested. The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to our Deposit Account No. **50-4026**.

Respectfully submitted,



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